

Robin O'Shea

Software engineer

Profile

Graduated with BSc in Computer Applications (Software Engineer) from DCU. I have completed an internship in DCU working within a project team developing software and a plethora of customer support. The past year I have been improving my knowledge in programming as well as incorporating new skills along the way working on personal projects. Adaptable to change and always eager to learn new skills and to apply my expertise on a larger scale.

Education

B. Sc COMPUTER APPLICATIONS & SOFTWARE ENGINEERING Sep 2016 – Sep 2020

DCU

Subjects: Computer Programming, Data Warehousing & Data Mining, Concurrent and Distributed Programming, Advanced Algorithms and AI Search, Web Design

Leaving Certificate

Belvedere College

Jan 2010 – Jan 2015

Employment

Software Developer Intern

DCU

Jun 2019 – Oct 2019

Worked as part of a project team to develop a system funded by Vista Milk for automated web scraping of dairy produce of which was then translated from CSV format to a SQL database. A Django web framework was used to host a website to display each scraper's success or failure.

Testing was also automated using Jenkins. Agile scrum methods were done on a weekly basis. Utilized Python, Django, Jenkins, Bash, Batch, Git, logging, Selenium, BeautifulSoup, Soup, SQL, Pandas

Projects

Mylio

Web server chat application using web sockets. Users can login with their own username and join a room by giving its groupID. From there, they can send messages to other users in the room and send their current location. Client and server side of the project are composed using JavaScript with moustache library to dynamically generate broadcasted messages into the chat and NodeJS to host the socket server using socket.io library and express framework

Task Manager Application

Simple web server in NodeJS for handling HTTP requests and parsing JSON data received. A visitor to the site can create an account, update their profile picture or account details. All accounts have their own authentication token represented by a JSON web token. Details are stored on a mongo DB server

Personal details

Name

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Country

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D13

Skills

Javascript

React

Nodejs

HTML/CSS

Python

Java

Bash/Batch

MySQL

MongoDb

Software testing

Communication

Project Managment